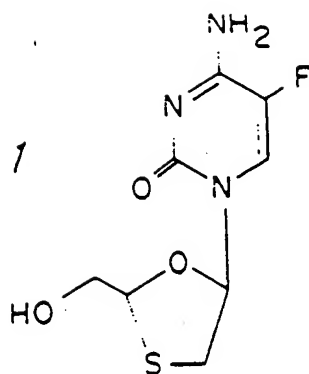
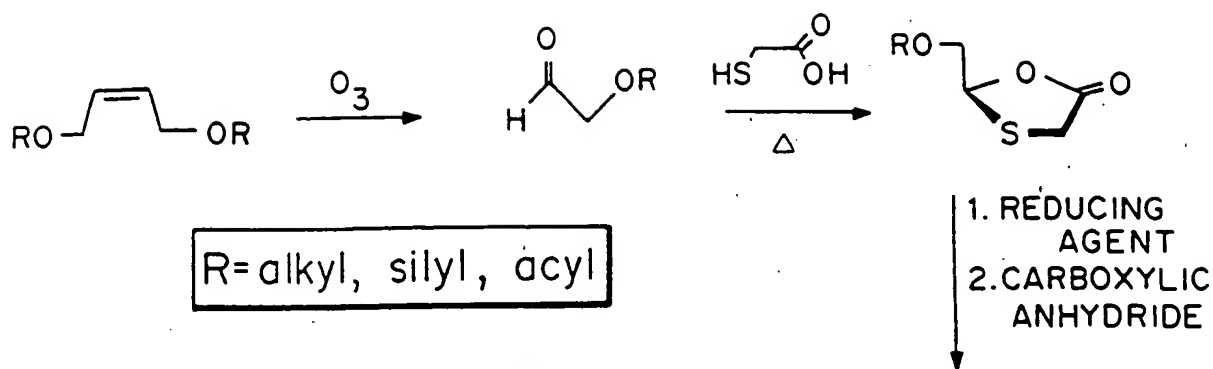
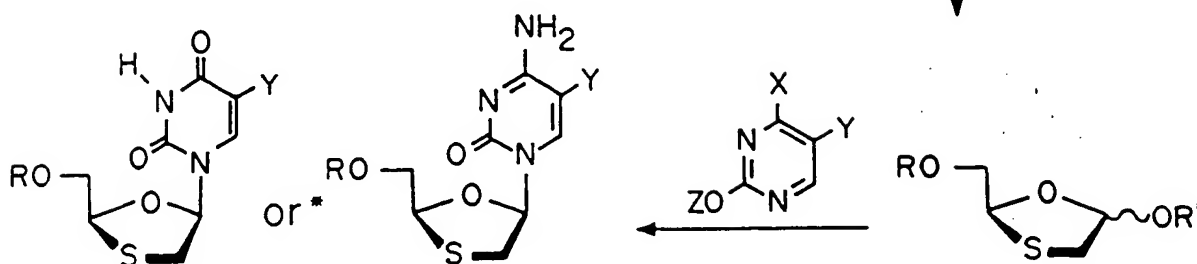


FIGURE 1





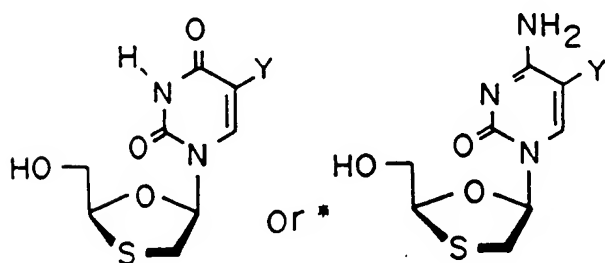
R = alkyl, silyl, acyl



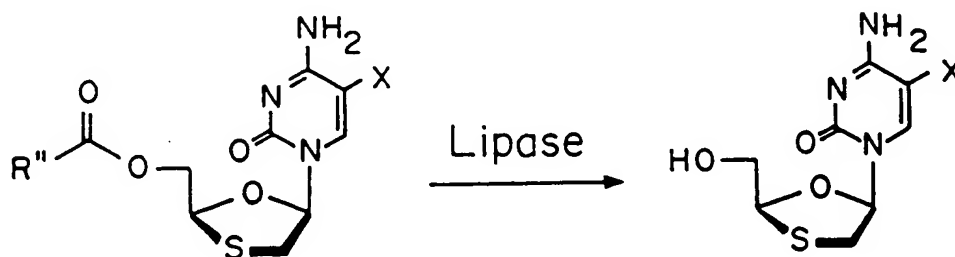
ENZYMATIC
 HYDROLYSIS
 (R = Acyl)

$X = OSiR_1R_2R_3, NHSiR_1R_2R_3$
 $Y = CH_3, H, \text{ETC.}$
 $Z = SiR_1R_2R_3$

R' = Acyl

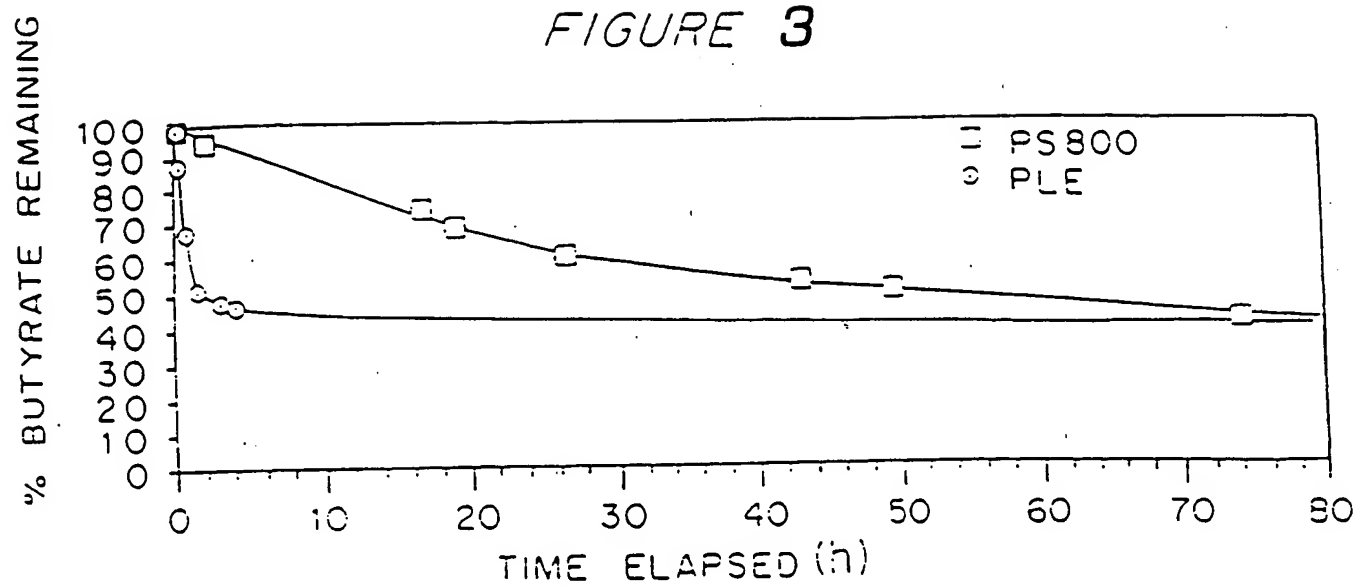


* PRODUCT OBTAINED
DEPENDS ON X



R'' = alkyl, substituted alkyl; X = H, F, alkyl, halogen, etc.
 Lipase = pig liver esterase, porcine pancreatic lipase,
 Amano PS-800, subtilisin, etc.

FIGURE 3



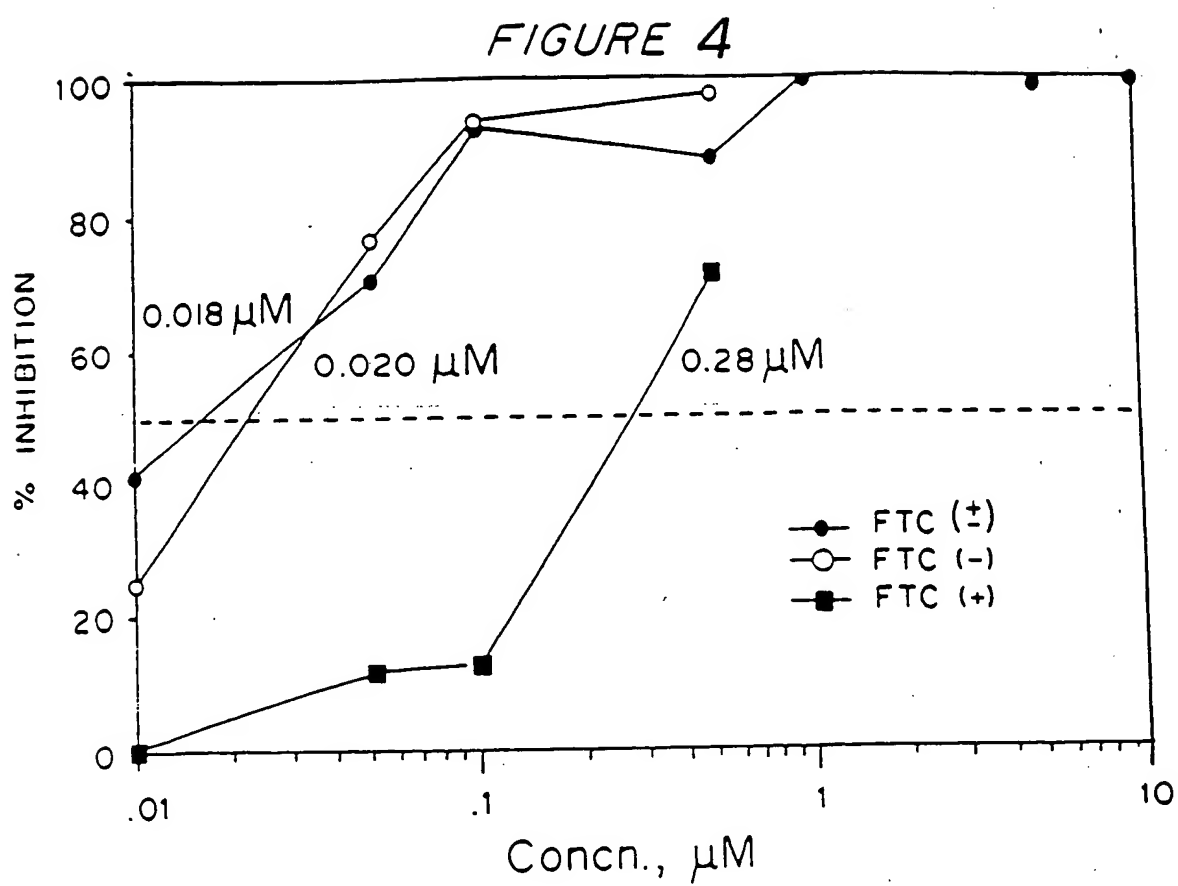
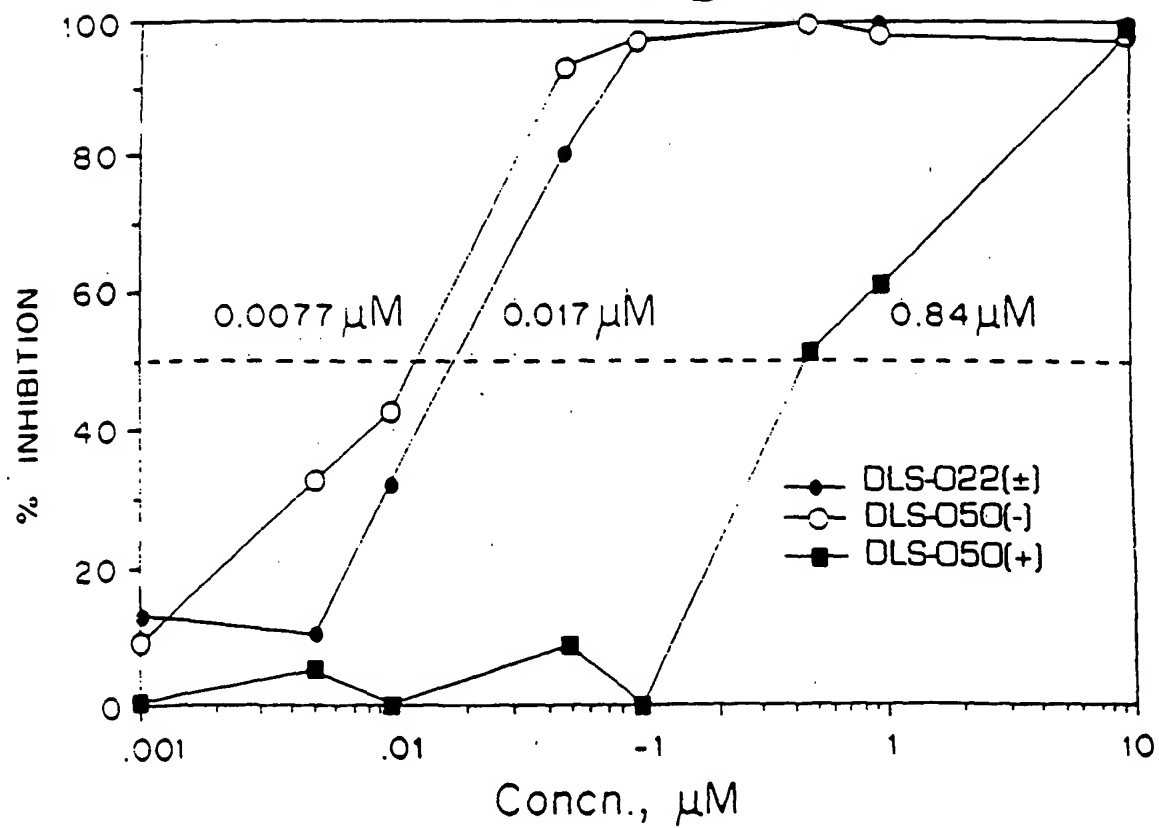


FIGURE 5



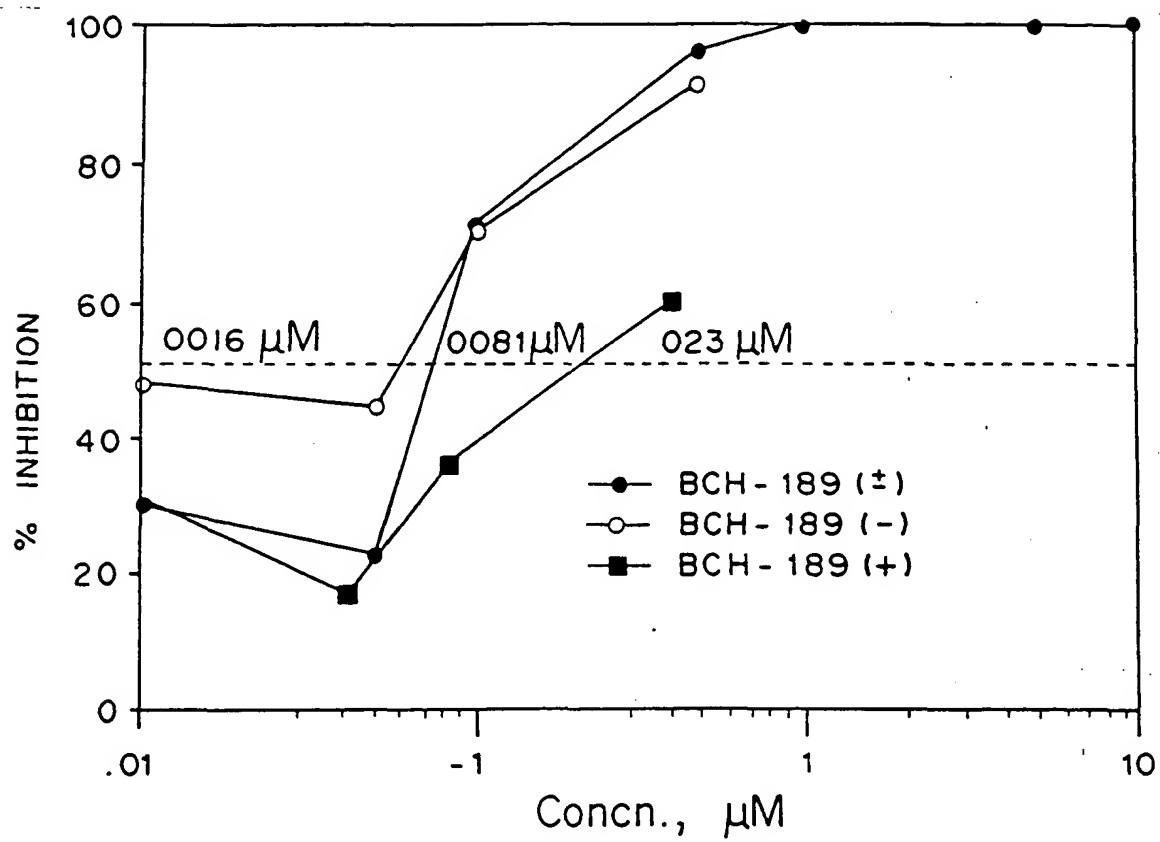


FIG. 6

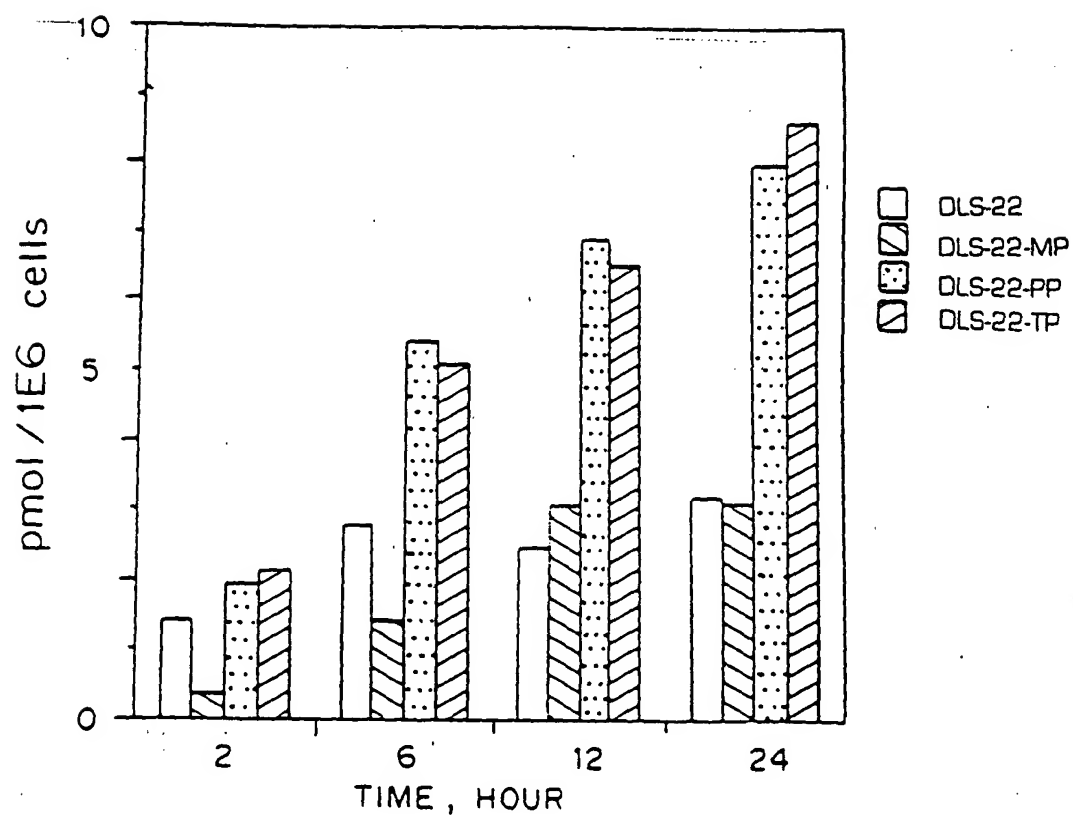


FIGURE 7

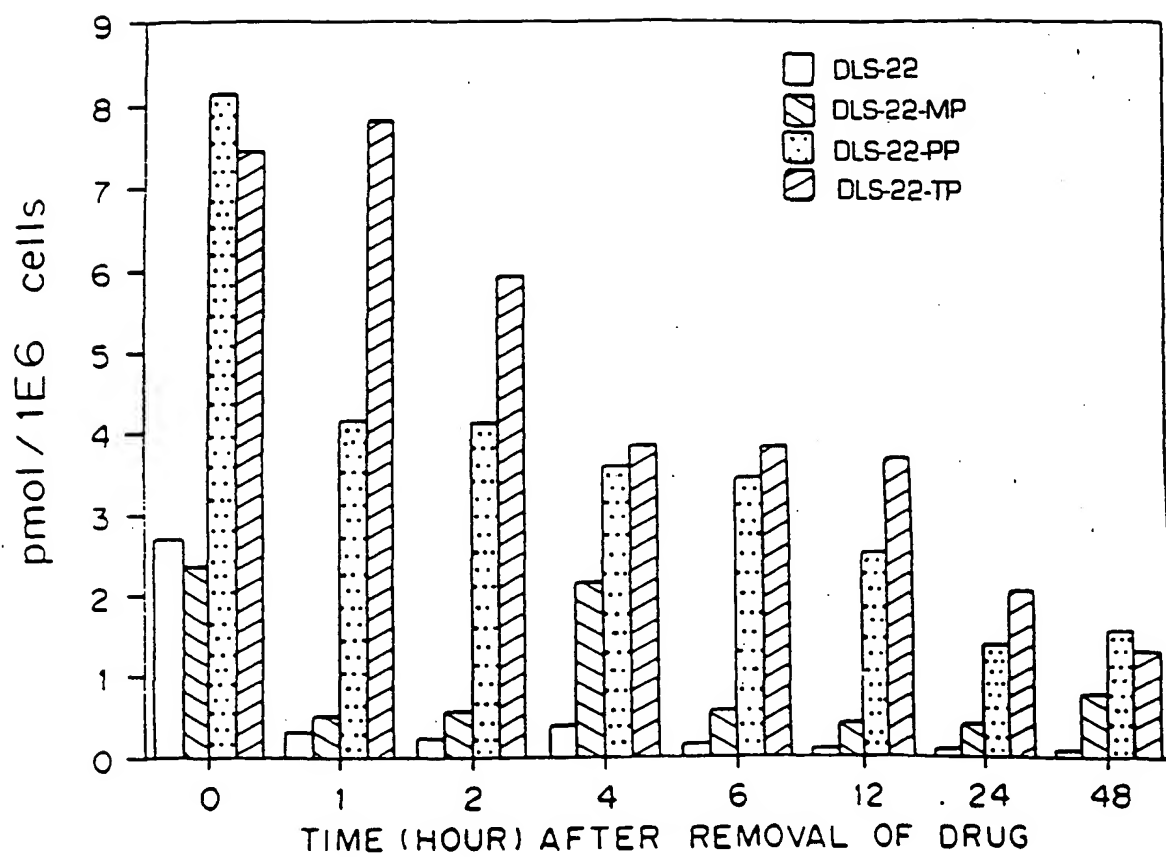


FIGURE 8